

From: [Chang, Young](#)
To: [McShea, Larry J. \(Larry.McShea@arconic.com\)](#)
Cc: [Mannino, Pietro](#); [Garbarini, Doug](#); [Cirillo, Argie](#); [Romanowski, Larisa](#); [Dahl, Travis A ERDC-RDE-CHL-MS CIV](#); [David Tromp \(DEC\) \(david.tromp@dec.ny.gov\)](#); [mmartin@ene.com](#); [jay wilkins \(jay.wilkins@srmt-nsn.gov\)](#); [McLaughlin, Scarlett E \(HEALTH\)](#)
Subject: RE: Grasse River: Conditional Approval of the Final Design Report
Date: Tuesday, March 12, 2019 1:37:00 PM
Attachments: [scan copy of conditional approval letter 3 4 19.pdf](#)

On EPA letterhead.

[Young S. Chang](#)

Project Manager

U.S. Environmental Protection Agency, Region 2

290 Broadway, 20th Floor

New York, NY 10007-1866

(212) 637-4253 (voice)

(212) 637-3966 (fax)

From: Chang, Young

Sent: Monday, March 04, 2019 9:03 PM

To: McShea, Larry J. (Larry.McShea@arconic.com) <Larry.McShea@arconic.com>

Cc: Mannino, Pietro <Mannino.Pietro@epa.gov>; Garbarini, Doug <Garbarini.Doug@epa.gov>; Cirillo, Argie <Cirillo.Argie@epa.gov>; Romanowski, Larisa <Romanowski.Larisa@epa.gov>; Dahl, Travis A ERDC-RDE-CHL-MS CIV <Travis.A.Dahl@erdcdren.mil>; David Tromp (DEC) (david.tromp@dec.ny.gov) <david.tromp@dec.ny.gov>; Martin, Maxwell A. <MMartin@ene.com>; jay wilkins (jay.wilkins@srmt-nsn.gov) <jay.wilkins@srmt-nsn.gov>; 'McLaughlin, Scarlett E (HEALTH)' <scarlett.mclaughlin@health.ny.gov>

Subject: Grasse River: Conditional Approval of the Final Design Report

Larry,

EPA has completed its review of the February 15, 2019 Draft Final Design Report responses to comments transmitted to Arconic on February 12 and 14, 2019, as well as responses to comments identified in several follow up emails. Based upon our review of Arconic's response to all comments on the FDR, EPA is approving the FDR with the following conditions:

- Arconic must incorporate changes agreed to in the comments/response to comments on the draft FDR.
- Arconic must respond to comments provided as attachment 1. Modifications/descriptions/changes to the FDR that are identified in attachment 1 must be incorporated into the revised FDR.
- Arconic should be prepared to discuss general comment G6 at March 5, 2019 Technical Team meeting as requested by DEC in attachment 1.
- Arconic must make changes to the FDR to comply with the direction provide in the December 28, 2018 letter from the EPA Regional Administrator to the NYSDEC Commissioner and the SRMT Chiefs; with the exception that the use of TOC amendments in the habitat layer above the armored cap and main channel cap shall, per request of NYSDEC, only be used on limited basis. All other components of the December 28, 2018 letter still apply.
- Per DEC request, the top 6-inch layer of all wetlands shall consist of 100% topsoil.
- An addendum to the FDR should be provided once the results of data from the 2019 Staged Capping Test is complete. EPA reserves authority to direct Arconic to revise the FDR addendum based upon any data that becomes available, including the results of the capping test.
- The aforementioned revisions must be acceptable to EPA upon review.
- While not expected, EPA may require additional changes to the main channel capping program based upon further discussions between the government agencies and the Army

Corps fluvial geomorphologist.

- Additional changes to the planting choices may be required upon EPA's discussions with an ethnobotanist recently hired by SRMT.

I will send a conditional approval letter on EPA letterhead, next time I am in the office.

Young

Young S. Chang

Project Manager

U.S. Environmental Protection Agency, Region 2

290 Broadway, 20th Floor

New York, NY 10007-1866

(212) 637-4253 (voice)

(212) 637-3966 (fax)